

Goat TUBA4A Polyclonal Antibody | anti-TUBA4A antibody

Tubulin Alpha4A Chain Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13868	Goat	Reacts against human, rat, mouse, canine and monkey proteins.	Immunofluorescence, Western Blot

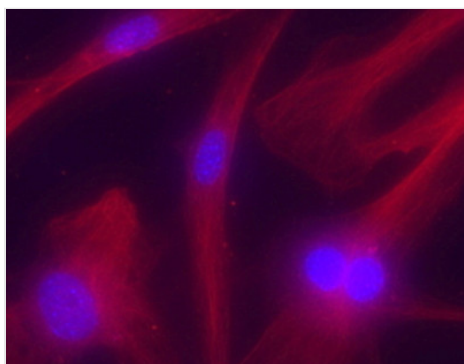
PRODUCT SYNONYMS

TUBA4A; Polyclonal Antibody; Tubulin Alpha4A Chain Polyclonal Antibody; Anti-TUBA4A; TUBA1; TUBA4A antibody; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

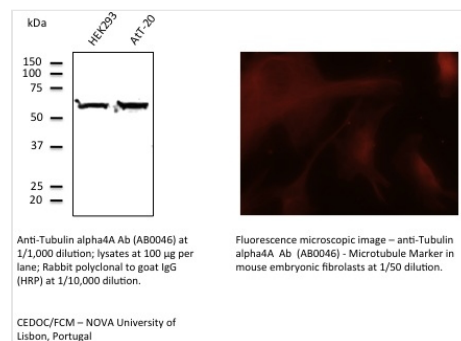
Host	Goat
Reactivity	Reacts against human, rat, mouse, canine and monkey proteins.
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody gives a positive signal in the following human (293A, HMEC-1, U-118, HaCat), rat (TR-iBRB), mouse (AtT-20, Hepa), canine (D17) and monkey (COS-7) whole cell lysates.
Form/Format	Polyclonal antibody supplied as a 200 or 500 ul (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	448
Applicable Applications for anti-TUBA4A antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Western Blot: 1:250-1:2,000 Immunofluorescence: 1:50-1:200
Gene Identifier	ENSG00000127824
Immunogen	Purified recombinant peptide derived from within residues 400 aa to the C-terminus of human alpha tubulin produced in E. coli.
Preparation and Storage	For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours.

IMAGES



IF (Immunofluorescence)

Immunofluorescence – anti-Tubulin alpha4A Ab - Microtubule Marker in mouse embryonic fibroblasts at 1/50 dilution;



Application Data

Reactivity Chart					
Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	+++	ND
Rat	+++	ND	ND	+++	ND
Mouse	+++	ND	ND	+++	ND
Canine	+++	ND	ND	+++	ND
Monkey	+++	ND	ND	+++	ND

Reactivity Chart

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody

Goat polyclonal antibody to alpha tubulin. Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17921989
NCBI GeneID	7277
NCBI Accession #	NP_005991.1
NCBI GenBank Nucleotide #	NM_006000.2
UniProt Accession #	P68366; P05215; B3KNQ6
NCBI Official Full Name	tubulin alpha-4A chain isoform 1
NCBI Official Synonym Full Names	tubulin, alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain; tubulin H2-alpha; tubulin alpha-1 chain; tubulin, alpha 1 (testis specific)
UniProt Protein Name	Tubulin alpha-4A chain
UniProt Gene Name	TUBA4A
UniProt Synonym Gene Names	TUBA1
UniProt Entry Name	TBA4A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tuba4a-antibody-immunofluorescence-western-blot-elisa/13868>